

Dörken GmbH & Co. KG

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Tyskland

Classification of reaction to fire in accordance with EN 13501-1

1 Introduction

This classification report defines the classification assigned to “DELTA Unterdeckbahn STRONG / 269-19-717- 51538 15:32 10” in accordance with the procedure given in EN 13501-1:2018.

2 Details of classified product

2.1 General

The product “DELTA Unterdeckbahn STRONG / 269-19-717- 51538 15:32 10” is defined as a Roofing membrane. Its classification is valid for the following end use application: Surface lining.

2.2 Product description

The product, “DELTA Unterdeckbahn STRONG / 269-19-717- 51538 15:32 10”, consisting 4 layers in the following order: 55 g/m² PP-nonwoven, 30 g/m² TPU membrane, 39 g/m² weave and 55 g/m² PP non-woven with 17 g/m² glue to join the layers. The product has a nominal area weight of 196 g/m² and a nominal thickness of 1.0 mm. The colour is black.

3 Reports and results in support of this classification

3.1 Test reports

Table 1 Test report.

Name of laboratory	Name of sponsor	Test report reference no	Accredited test methods and date
RISE	Dörken GmbH & Co. KG	O100609-1108193-2rev1	EN ISO 11925-2:2020

RISE Research Institutes of Sweden AB

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Confidentiality level

C3 - Sensitive

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Accred. No. 1002
Testing
ISO/IEC 17025

3.2 Test results

Table 2 Test results showing the worst case as found in the test program performed.

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN ISO 11925-2		6		
Surface flame attack*				
15 s exposure	$F_s \leq 150$ mm		(-)	Compliant
Flaming droplets/particles	Ignition of filter paper		(-)	No ignition of filter paper

* : as required to the end use application of the product

(-) : not applicable

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11 and 15 of EN 13501-1:2018.

4.2 Classification

The product called “DELTA Unterdeckbahn STRONG / 269-19-717- 51538 15:32 10” in relation to its reaction to fire behaviour is classified:

E

Reaction to fire classification: *E*

4.3 Field of application:

This classification is valid for the following product parameters:

Product description, as specified in 2.2 in this report

Nominal thickness: 1.0 mm.

Nominal area weight: 196 g/m².

This classification is valid for the following end use conditions:

The product is mounted without exposed edges.

The sample was delivered by the client. RISE, Fire Technology was not involved in the sampling procedure.

5 Limitations

This classification document does not represent type approval or certification of the product.

RISE Research Institutes of Sweden AB **Fire and safety - Reaction to Fire Material Lab**

Performed by



Henrik Fredriksson

Examined by



Per Thureson

Verification

Transaction 09222115557465824448

Document

1108193-5 EN 13501-1 Dörken Service GmbH

Main document

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